

By Express Mail # EV601221146US · March 14, 2005

**Amendments to the Abstract:**

Please replace the Abstract with the "Abstract of the Disclosure" on the attached separate sheet.

### **ABSTRACT OF THE DISCLOSURE**

[0037]       Regulating apparatus for a hydraulic system having at least one valve controlling a consumer, the apparatus including a job computer, a bus connected to the job computer and to the valve, and at least one analog sensor producing a signal for controlling or regulating the consumer. An autonomous controlling and regulating element arranged between the bus and each valve includes a bus interface connected to the bus, a microcontroller connected to the bus interface and to the valve, and at least one analog-to-digital converter which is connected to the microcontroller and which can be connected to at least one analog sensor.